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SEQUENCE LISTING

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<110> Garry, Jr., Robert F.
      McKeating, Jane A.
       Dash, Srikanta
      Coy, David H.
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(44)..(44)

t-butyloxycarbonyl, lipid, polyethyleneglycol, or carbohydrate

"Xaa" = carboxyl, amido, hydrophobic, macromolecular,

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Xaa Leu Ala Ala Leu Gly Asp Thr Ala Trp Asp Phe Gly Ser Val Gly
                                    10
                5
Gly Val Phe Thr Ser Val Gly Lys Ala Val His Gln Val Phe Gly Gly
                                25
            20
Ala Phe Arg Ser Leu Phe Gly Gly Met Ser Trp Xaa
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       44
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       (1)..(1)
<222>
       "Xaa" = amino, acetyl, hydrophobic, macromolecular,
 <223>
       carbobenzoxyl, dansyl, t-butyloxycarbonyl, lipid, polyethylene
       glycol, or carbohydrate
 <220>
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 <222> (44)..(44)
       "Xaa" = carboxyl, amido, hydrophobic, macromolecular,
 <223>
        t-butyloxycarbonyl, lipid, polyethyleneglycol, or carbohydrate
 <400> 34
 Xaa Gln Gln Tyr Met Leu Lys Gly Glu Tyr Gln Tyr Trp Phe Asp Leu
 Asp Val Thr Asp Arg His Ser Asp Tyr Phe Ala Glu Phe Val Val Leu
                                 25
             20
 Val Val Val Ala Leu Leu Gly Gly Arg Tyr Ile Xaa
                              40
         35
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  <212> PRT
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        (1)..(1)
  <222>
        "Xaa" = amino, acetyl, hydrophobic, macromolecular,
         carbobenzoxyl, dansyl, t-butyloxycarbonyl, lipid, polyethylene
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glycol, or carbohydrate

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<220>
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<222> (44)..(44)
<223> "Xaa" = carboxyl, amido, hydrophobic, macromolecular,
      t-butyloxycarbonyl, lipid, polyethyleneglycol, or carbohydrate
<400> 35
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                                    10
Glu Val Thr Asp His His Arg Asp Tyr Phe Ala Glu Ser Ile Leu Val
                                 25
Val Val Val Ala Leu Leu Gly Gly Arg Tyr Val Xaa
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        glycol, or carbohydrate
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 <222> (45)..(45)
 <223> "Xaa" = carboxyl, amido, hydrophobic, macromolecular,
        t-butyloxycarbonyl, lipid, polyethyleneglycol, or carbohydrate
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 Xaa Gln Gln Tyr Met Leu Lys Gly Gln Tyr Gln Tyr Trp Phe Asp Leu
                 5
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 Glu Val Ile Ser Ser Thr His Gln Ile Asp Leu Thr Glu Phe Ile Met
                                                      30
             20
 Leu Ala Val Val Ala Leu Leu Gly Gly Arg Tyr Val Xaa
                              40
         35
  <210> 37
  <211> 5
  <212> PRT
  <213> Artificial Sequence
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<223> "Xaa" = any
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Arg Xaa Arg Lys Arg
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Ser Cys Leu Thr Val Pro Ala Ser Ala Tyr Gln Val Arg Asn Ser Ser
Gly Leu
<210> 39
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<400> 39
Ser Ala Tyr Gln Val Arg Asn Ser Ser Gly Leu Tyr His Val Thr Asn
                                    10
Asp Cys
 <210> 40
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 <400> 40
 Ser Ser Gly Leu Tyr His Val Thr Asn Asp Cys Pro Asn Ser Ser Ile.
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Val Tyr
<210> 41
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   Ile Leu
   <210> 42
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   Ser Ile Val Tyr Glu Ala Ala Asp Ala Ile Leu His Thr Pro Gly Cys
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   Val Pro
    <210> 43
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    Asn Ala
    <210> 44
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Ala Val
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<223> Synthetic peptide
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Thr Thr
<210> 46
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<223> Synthetic peptide
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Trp Val Ala Val Thr Pro Thr Val Ala Thr Arg Asp Gly Lys Leu Pro
                                    10
Thr Thr
<210> 47
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Ile Asp
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Ala Thr
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 Tyr Val
 <210> 50
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  Ser Val
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Leu Phe
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Cys Gly Ser Val Phe Leu Val Gly Gln Leu Phe Thr Phe Ser Pro Arg
 His His
 <210> 53
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 Cys Asn
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. <220>
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 Gly His
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  Gln Asp Cys Asn Cys Ser Ile Tyr Pro Gly His Ile Thr Gly His Arg
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  Met Ala
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  Trp
   <210> 57
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   <400> 57
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Trp Gly

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Ile Met Asp Met Ile Ala Gly Ala His Trp Gly Val Leu Ala Gly Ile
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Lys Tyr
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Asn Trp
<210> 63
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Val Leu
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Val Asp

<210> 65

<211> 18

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Thr Gly

30